

Amendments to the Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A method for obtaining instrumentation data in a protocol stack, comprising the steps of:

(a) receiving data from a first stack component of the protocol stack by a single layer manager, wherein the single layer manager manages all layers of the protocol stack;

(b) analyzing the data for instrumentation information by the single layer manager;
and

(c) routing the data to a second stack component of the protocol stack by the single layer manager.

2. (previously presented) The method of claim 1, wherein the single layer manager interfaces with each stack component of the protocol stack.

3. (previously presented) The method of claim 1, wherein the single layer manager handles data flow to each stack component of the protocol stack.

4. (currently amended) A protocol stack, comprising:
a plurality of stack components; and
a single layer manager interfaced with ~~each~~ all of the plurality of stack components,
wherein the single layer manager protocol is instrumented, wherein instrumenting the single layer manager instruments the protocol stack.

5. (previously presented) The protocol stack of claim 4, wherein the single layer manager handles data flow to each of the plurality of stack components.

6. (currently amended) A computer readable medium with program instructions for obtaining instrumentation data in a protocol stack, comprising the instructions for:

(a) receiving data from a first stack component of the protocol stack by a single layer manager, wherein the single layer manager manages all layers of the protocol stack;

(b) analyzing the data for instrumentation information by the single layer manager;
and

(c) routing the data to a second stack component of the protocol stack by the single layer manager.

7. (previously presented) The medium of claim 6, further comprising instructions for the single layer manager to interface with each stack component of the protocol stack.

8. (previously presented) The medium of claim 6, further comprising instructions for the single layer manager to handle data flow to each stack component of the protocol stack.

9. (new) The method of claim 1, wherein the single layer manager manages both upper and lower layers of the protocol stack.

10. (new) The protocol stack of claim 4, wherein the single layer manager interfaces with upper and lower stack components of the plurality of stack components.

11. (new) The medium of claim 6, wherein the single layer manager manages both upper and lower layers of the protocols stack.